

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/003886

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61K9/127 A61K31/704



According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SILLENCE D J ET AL: "Assay for the transbilayer distribution of glycolipids. Selective oxidation of glucosylceramide to glucuronylceramide by TEMPO nitroxyl radicals." JOURNAL OF LIPID RESEARCH. AUG 2000, vol. 41, no. 8, August 2000 (2000-08), pages 1252-1260, XP002324330 ISSN: 0022-2275 abstract page 1253, column 2, paragraph 2	1-81
A	US 5 800 833 A (HOPE ET AL) 1 September 1998 (1998-09-01) column 14, line 31 - line 36 abstract ----- -/--	1-91

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

21 April 2005

Date of mailing of the international search report

11/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Sindel, U

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/003886

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	VELDMAN R J ET AL: "Inhibition of P-glycoprotein activity and chemosensitization of multidrug-resistant ovarian carcinoma 2780AD cells by hexanoylglucosylceramide." BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS. 20 DEC 1999, vol. 266, no. 2, 20 December 1999 (1999-12-20), pages 492-496, XP002324331 - ISSN: 0006-291X page 494, column 2, paragraph 2 -----	1-91
A	WO 02/02077 A (INEX PHARMACEUTICALS CORPORATION; MADDEN, THOMAS, D; SEMPLE, SEAN, C;) 10 January 2002 (2002-01-10) paragraph '0058! -----	1-91
A	EP 0 896 816 A (DAIICHI PHARMACEUTICAL CO., LTD) 17 February 1999 (1999-02-17) paragraph '0015! paragraph '0034! -----	1-91
A	US 4 416 872 A (ALVING ET AL) 22 November 1983 (1983-11-22) column 5, line 37 - line 68 -----	1-81
A	US 2002/119990 A1 (MADDEN THOMAS D ET AL) 29 August 2002 (2002-08-29) paragraph '0084! -----	1-91
A	US 5 213 804 A (MARTIN ET AL) 25 May 1993 (1993-05-25) column 7, line 9 - line 18 table 6 example 10 -----	1-91

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/003886

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5800833	A	01-09-1998	AT 207738 T	15-11-2001
			AU 4711296 A	18-09-1996
			CA 2213861 A1	06-09-1996
			WO 9626715 A1	06-09-1996
			DE 69616523 D1	06-12-2001
			DE 69616523 T2	08-05-2002
			EP 0812186 A1	17-12-1997
			US 5785987 A	28-07-1998
WO 0202077	A	10-01-2002	AU 7038501 A	14-01-2002
			AU 7041301 A	14-01-2002
			WO 0202077 A2	10-01-2002
			WO 0202078 A2	10-01-2002
			CA 2412790 A1	10-01-2002
			CA 2412795 A1	10-01-2002
			CN 1446079 A	01-10-2003
			EP 1299084 A2	09-04-2003
			EP 1299085 A2	09-04-2003
			JP 2004501955 T	22-01-2004
			US 2004071768 A1	15-04-2004
			US 2004170678 A1	02-09-2004
			US 2002119990 A1	29-08-2002
			US 2002110586 A1	15-08-2002
EP 0896816	A	17-02-1999	AU 2230497 A	10-09-1997
			EP 0896816 A1	17-02-1999
			CA 2247270 A1	28-08-1997
			WO 9730696 A1	28-08-1997
			US 2001006648 A1	05-07-2001
			US 2002182248 A1	05-12-2002
US 4416872	A	22-11-1983	NONE	
US 2002119990	A1	29-08-2002	AU 7038501 A	14-01-2002
			AU 7041301 A	14-01-2002
			WO 0202077 A2	10-01-2002
			WO 0202078 A2	10-01-2002
			CA 2412790 A1	10-01-2002
			CA 2412795 A1	10-01-2002
			CN 1446079 A	01-10-2003
			EP 1299084 A2	09-04-2003
			EP 1299085 A2	09-04-2003
			JP 2004501955 T	22-01-2004
			US 2004071768 A1	15-04-2004
			US 2004170678 A1	02-09-2004
			US 2002110586 A1	15-08-2002
US 5213804	A	25-05-1993	US 5013556 A	07-05-1991
			US 5527528 A	18-06-1996
			US 5620689 A	15-04-1997
			US 2001051183 A1	13-12-2001
			US 5843473 A	01-12-1998
			US 5356633 A	18-10-1994
			AT 115401 T	15-12-1994
			AT 122229 T	15-05-1995
			AU 642679 B2	28-10-1993
			AU 6637490 A	16-05-1991
			AU 654120 B2	27-10-1994

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/003886

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5213804	A	AU 6898291 A	16-05-1991
		CA 2067133 A1	21-04-1991
		CA 2067178 A1	21-04-1991
		DE 69015207 D1	26-01-1995
		DE 69015207 T2	04-05-1995
		DE 69019366 D1	14-06-1995
		DE 69019366 T2	05-10-1995
		DK 496835 T3	17-07-1995
		EP 0496813 A1	05-08-1992
		EP 0496835 A1	05-08-1992
		ES 2071976 T3	01-07-1995
		FI 921763 A	21-04-1992
		FI 921764 A	21-04-1992
		GR 3017060 T3	30-11-1995
		HK 14097 A	14-02-1997
		IL 96069 A	08-12-1995
		IL 96070 A	30-03-1995
		JP 2889549 B2	10-05-1999
		JP 10001431 A	06-01-1998
		JP 5501264 T	11-03-1993
		JP 2667051 B2	22-10-1997
		JP 5505173 T	05-08-1993
		JP 3571335 B2	29-09-2004
		JP 2001181214 A	03-07-2001
		KR 134982 B1	22-04-1998
		LU 88854 A9	11-03-1997
		NL 960031 I1	03-03-1997
		NO 921213 A	04-06-1992
		NO 921214 A	01-06-1992
		WO 9105545 A1	02-05-1991
		WO 9105546 A1	02-05-1991
		US 5225212 A	06-07-1993